

Date: Sat, 22 May 93 00:37:03 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #621
To: Info-Hams

Info-Hams Digest Sat, 22 May 93 Volume 93 : Issue 621

Today's Topics:

 2 Meters and Airlines
 Alinco DJ580 Gets HOT!!!
 Don't get ripped off by a G5RV
Howard County Fair Grounds HAM Fest May 30th (Note this is a correction post)
 Moscow hams
 Operation from Greenland
 Question: Can a novice take the extra test? (2 msgs)
 Radio Shack 70cm HT? (2 msgs)
 REAL Mods for the HTX-202
SMITH12.ZIP - Hams: Interactive Smith chart calculator (2 msgs)
 tcp/ip addresses
 TH78 Game

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 21 May 1993 04:10:13 GMT
From: wupost!csus.edu!netcom.com!netcomsv!bongo!julian@decwrl.dec.com
Subject: 2 Meters and Airlines
To: info-hams@ucsd.edu

In article <C7CnGL.11F@ucdavis.edu> ez006683@othello.ucdavis.edu (Daniel D. Todd)
writes:

>julian@bongo.tele.com (Julian Macassey) writes:

>:

>: I have used a walkie-talkie from a plane many times. The plane

>: has never crashed. I used to drink with an SM commercial pilot who

>: used his walkie from the flight deck all the time.

>Hope it wasn't within 24 hrs. of a flight where he was Pilot. :-)

Of course it was. I have have known many pilots that were heavy drinkers. The pilot I was talking about once arrived at Kennedy Airport wearing his hat, shirt, tie, jacket and pajama bottoms. He left that airline soon after.

>

>: The doom mongers will tell you that using a radio from a plane

>: will cause it to come down in flames. Then of course they will tell

>: you that planes cost so much because they have to make everything RFI

>: proof.

> I don't think anyone has suggested that it will cause the aircraft

>to crash. The original posts were in reference to regulations regarding

>the use of a 2m amateur HT on board an aircraft. Okay you made me do it

>so here goes: Federal Aviation Regulations 14 CFR Ch. 1 part 91.21:

I didn't make you go into pedant mode, consider it part of your character. Maybe we can add this subject to the FAQ. To save space we should only put it in there between April and September.

--

Julian Macassey, N6ARE julian@bongo.tele.com Voice: (213) 653-4495

Paper Mail: 742 1/2 North Hayworth Avenue, Hollywood, California 90046-7142

Date: 22 May 93 00:42:43 GMT

From: das.wang.com!wang!dbushong@uunet.uu.net

Subject: Alinco DJ580 Gets HOT!!!

To: info-hams@ucsd.edu

dave@boi.hp.com (Dave Fujii) writes:

>I've got a DJ580T HT that, when transmitting on medium or high power
>(12V operation) the unit gets very hot -- too hot to hold! Has anyone
>else experienced this? I'm wondering if something is wrong with the
>unit.

No, it's not a defective unit, but it is a design shortcoming. Try to make the QSO using a better antenna instead of higher power, and don't use high power for ragchews.

But - high power won't wreck anything, as long as you don't do it for extended transmissions.

Dave

--

Dave Bushong, Wang Laboratories, Inc. Amateur Radio Callsign KZ10

Project Leader, Recognition products kz1o@n0ary.#noc.a.ca.na
Internet: dbushong@wang.com

Date: Fri, 21 May 1993 12:10:35 GMT
From: pacbell.com!att-out!att!cbnewsm!jeffj@network.UCSD.EDU
Subject: Don't get ripped off by a G5RV
To: info-hams@ucsd.edu

In article <199305201937.AA07101@tilde.csc.ti.com> dube@cpdvax.CSc.ti.COM writes:
>Ed, W1AAZ may have all the technical ducks in a row regarding SWR, losses,
>etc., but I'll swear by G5RV. Using a TS820s (100W) and a G5RV at 12 feet
>(now 15 ft) off the ground, I've been able to work every state in the US,
>each Canadian province, Europe, Asia, South America, Africa, Australia and
>New Zealand. Of course, I use an antenna tuner, and it may be that I get
>a lot of feed-line radiation. Whatever, I go by results vs dollars
>invested. IMO, the G5RV is the best antenna for the price available anywhere.

I swear by my shortened G5RV also! I have the 10-40 meter foot version which consists a 51 foot dipole fed by 17 feet of 450 ohm ladder line. It loads up great on 20 and 40 meters which is where I generally work. I checked the SWR on those two bands and the SWR was between 2:1 and 3:1 across the bands. However, it isn't very good on 10 and 15. It loads up on 15 at 1:1 but the G5RV sounds kinda dead and the best I can get is 3:1 on 10 meters. As I have a tube rig it will work fine there. Considering a earlier post that stated that the G5RV was reactive on 40 and 20 meters, resistive with some reactance on 15 meters and resistive on 10 meters this would correspond to what I have experienced. The earlier post I am citing had slightly different values for the 10 and 15 meters then what was posted in this most recent discussion. Also it was stated in a earlier discussion that you needed a least 56 feet of 51 ohm coax to get the G5RV to load up on 10 meters. As I worked another ham who said that his G5RV would not load up on 10 meters until he added 6 feet of coax this bears this out. I think the whole discussion centered around whether the coax would also act as a transformer and work with the 450 ohm ladder line to enable the G5RV to load up on 10 meters at a reasonable SWR. The general concensus what that it would and not just mask the SWR. Any comments? Gee, just when I thought this newsgroup was getting boring this discussion crops up! 8-)

73!

Jeff

--

Jeff Jones AB6MB		OPPOSE THE NORTH AMERICAN FREE TRADE AGREEMENT!
jeffj@seeker.mystic.com		Canada/USA Free Trade cost Canada 400,000 jobs.

Infolinc BBS 415-778-5929 | Want to guess how many we'll lose to Mexico?

Date: Fri, 21 May 1993 14:15:38 GMT
From: elroy.jpl.nasa.gov!swrinde!emory!sol.ctr.columbia.edu!NewsWatcher!
user@ames.arpa
Subject: Howard County Fair Grounds HAM Fest May 30th (Note this is a correction
post)
To: info-hams@ucsd.edu

Washington DC area hamfest at Howard County fair grounds as usual. Many in
doors in big barn. This is a correction post , not a different hamfest! The
may 23rd date WAS WRONG.

Date: Friday, 21 May 1993 10:36:52 EDT
From: dog.ee.lbl.gov!hellgate.utah.edu!caen!malgudi.oar.net!zaphod.mps.ohio-
state.edu!sol.ctr.columbia.edu!hamblin.math.byu.edu!yvax.byu.edu!cunyv!
egohc@network.UCSD.EDU
Subject: Moscow hams
To: info-hams@ucsd.edu

I am going to be in Moscow on June 3rd for three days staying at the Radisson
Slavenskya (?). Prior to that will be in Prague staying at the Esplanade.
Would be happy to make the acquaintance of any colleagues. Unfortunately I am
leaving for Paris tomorrow (Saturday) so I will not be able to check my E-mail.
Elliot Gordon
KB2BQF

Date: 21 May 1993 11:44:52 +0100
From: pipex!warwick!warwick!not-for-mail@uunet.uu.net
Subject: Operation from Greenland
To: info-hams@ucsd.edu

Sorry, but my first attempt to post was foiled, which has resulted in
losing the 'thread'.

In article <1993May20.003308.11374@physics.unr.edu> arthurj@equinox.unr.edu (Art
Johnson) writes:

>

>My question for you all to ponder and respond to: Does an antenna located
>on an 11,000-foot-thick ice shelf "see" the ice surface to an appreciable
>extent, or does it work like a Yagi (for example) in free space? If the latter
>is true, it seems Mike could hope to build a many-element wire Yagi for

>optimized communications with us here in the west, and then maybe use a simpler
>antenna like a vertical or dipole for casual DX with the rest of the world.

The conductivity of ice is much less than that of water; looking at the CCIR curves here, in the HF region the conductivity of ice is approx one hundredth of that of water (fresh). I know that people on the polar ice cap on expedition sometime use dipoles lying on the ice surface to contact base stations.

Rather than a multi-element yagi, I would think it would be much simpler to use a V or a rhombic. He wouldn't have the tuning problems to start with, and if there's plenty of space the gain could be better than he'd get with a 3 or 4 element yagi, for example.

I was up in Severnaya Zemlya in the Russian Arctic about 3 years ago when there were two base stations for polar expeditions operating. At that time the Russian expedition base was using a 20m delta loop and a half wave dipole; a 2 element yagi was up, but due to the low temps (-40 C and more) part of a matching section had broken, and they couldn't repair it. The delta performed far better than the dipole on the links back to Moscow, and was sloping in that direction. The second expedition, that of Ranulph Fiennes, was more organized, though. They had a commercial multiband dipole (without matching resistors (!)) which was used for general stuff, including the contacts with the two chaps headed for the Pole. A large V was used for the links back to the UK, and performed extremely well. The centre of the V was at about 50 feet, and the legs each about 100 feet. Of course when there was a magnetic storm the whole of HF was almost wiped out (about 80 deg North). When Fiennes was down in the Antarctic recently, Vs were used again for the HF links back to the UK, and quite successfully, considering what a rough path that can be.

Anyhow, it sounds like a great trip for you friend! I'm sure the OX call will get much attention.

73 Simon GOGWA (and ex UA0/GOGWA)

Date: 21 May 93 23:14:22 GMT
From: topaz.bds.com!topaz.bds.com!ron@uunet.uu.net
Subject: Question: Can a novice take the extra test?
To: info-hams@ucsd.edu

> the subject says it. assuming that the novice has 20 wpm cw, can the ham
> take the extra test?

The question is ambiguous. However, if you mean can you come in with only a novice, take some tests and leave with a Amateur Extra license,

the answer is yes. You don't have to stop at each license class. I, for example, have never held a general license (by the time I got to 13 WPM, I just took the Advanced).

But, the one catch is that the Amateur Extra license requires the 1C code element (20 WPM) test and the 2, 3A, 3B, 4A, and 4B written tests. If you've passed them before, you get credit (either via having had a license, or a CSCE).

So as a Novice class license you must take 1C, and the 3A, 3B, 4A, and 4B writtens to leave with an Amateur Extra class license.

-Ron

Ages ago, you had to have some prior experience for the Amateur Extra class but that and the requirement to have operated recently in order to renew your license went away many, many years ago.

Date: Fri, 21 May 1993 21:22:33 GMT
From: portal!ttolh@uunet.uu.net
Subject: Question: Can a novice take the extra test?
To: info-hams@ucsd.edu

ksampath@magnus.acs.ohio-state.edu (Krishna S Sampath) writes:
>the subject says it. assuming that the novice has 20 wpm cw, can the ham
>take the extra test?

Yes, a novice may take the Extra written exam. However, all the intervening written elements must be taken (and passed) first. That is, you can't leapfrog the Tech, General and Advanced elements; the elements must be taken and passed in ascending order.

This is not true for the code exams, BTW. If you can pass the 20 WPM exam, there is no need to take the 5 or 13 WPM.

--

Todd N. Tolhurst, WA1M	"What do you care what other people think?"
Waterbury, CT	-- Richard Feynman
ttolh@shell.portal.com	

Date: Thu, 20 May 93 09:04:08 PST
From: olivea!charnel!csusac!sactoh0!beagle!chandler@ames.arpa
Subject: Radio Shack 70cm HT?
To: info-hams@ucsd.edu

system@garlic.sbs.com (Tony Pelliccio) writes:

```
> William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM writes:
>
> >>I wonder how much longer it'll be before they put out a dual-bander and
> >>a mobile. Obviously the're realizing that there's some money to be made
> >>on amateur gear. Can you imagine an HF rig from Radio Shack? Kind of
> >>scary really.
> >>Tony
> >
> > scary?
> >
> > don't know why. it would probably be a good thing to get reasonably good
> > communications grade equipment out in the public view for them to see. may
>
> The problem is, alot of Radio Shacks will sell to anyone. And that's
> what caused the demise of 2m in certain areas of the country.
>
```

Amateur Radio stores will also sell to anyone. I have never been asked for my license when purchasing radios, etc. I was asked if I knew that I needed a license to use the equipment. That is what Radio Shack needs to express to their employees. The only way around it would be a law requiring display of a license prior to purchase. Kind of like buying Freon in Calif. BTW, I would be opposed to such a law.

To overt the demise of 2 meters, these individuals need to be found and educated about ham radio. For example, I heard someone using the call KD6A1C. Yes thats Kilo-Delta-Six-Alpha-ONE-Charlie. I became suspicious while another ham told him that his call was probably KD6AIC. I looked up that call and I doubt if his name is Susan.
Part 97, learn it, live it, be it, teach it. If you can't, then don't be a ham.

Jim Chandler, NOVAH
jwc@sactoh0.sac.ca.us
sactoh0!beagle!chandler

Date: Fri, 21 May 1993 18:45:43 GMT
From: castor!082589@lanl.gov
Subject: Radio Shack 70cm HT?
To: info-hams@ucsd.edu

I bought my HTX 202 4 months before I had my license. I went in to buy a Pro 2006 scanner and walked out with the Ham rig. It saved me money and I figured that if I had the radio I would have to start reading the books. It worked (KB5WPJ). I also had time to listen a lot and had the lingo down pretty well when I finally got the ticket. Good luck and go buy the radio.

Date: 21 May 93 13:22:18 GMT
From: lll-winken.llnl.gov!fastrac.llnl.gov!wsrcc.com!wetware!spunky.RedBrick.COM!psinntp!psinntp!gdc!evax.gdc.com!franzis@ames.arpa
Subject: REAL Mods for the HTX-202
To: info-hams@ucsd.edu

>Yes beleive it or not I found an UNPUBLISHED mod for the HTX-202 and will
> ^^^^^^^^^^^
>Do the following :
>1) Press the F key (uper left side above PTT)
>2) While holding this key in press the L key (under PTT)
>3) Thats all ! Enjoy your radio in the dark !
>
>Hope this little option/feature helps all of you that wanted an
>illuminated HTX-202 ! I know I will enjoy mine ALOT more !!!

Actually, this is published. Its in the HTX-202 manual!

-pat

Date: 21 May 93 19:38:34 GMT
From: ogicse!das-news.harvard.edu!noc.near.net!squam.banyan.com!banyan.com!dts@network.UCSD.EDU
Subject: SMITH12.ZIP - Hams: Interactive Smith chart calculator
To: info-hams@ucsd.edu

In article <1993May20.220722.3224@nnnnpd2.cxo.dec.com>, little@nuts2u.enet.dec.com (nuts2u::little) writes:
|> FONTANA@ITNVAX.CINECA.IT (Giorgio FONTANA) writes:
|>
|> >I have uploaded to WSMR-SIMTEL20.Army.Mil and OAK.Oakland.Edu:
|> >
|> >pd1:<msdos.hamradio>
|> >SMITH12.ZIP Hams: Interactive Smith chart calculator
|> >

|> >The program is a Smith chart calculator. It displays on an EGA screen

DOES THIS FILE EXIST SOMEWHERE? It is not showing up in the echos. How long ago was it put on SIMTEL?

|>
|> Does this version have english labels? The version I downloaded recently
|> was all in Italian and my Italian isn't very good.
|>
|> 73,
|> Todd
|> N9MWB

--

```
-----  
Daniel Senie                Internet:    dts@banyan.com  
Banyan Systems, Inc.        Compuserve:  74176,1347  
508-898-1188                Packet Radio: N1JEB@WA1PHY.MA  
-----
```

Date: 21 May 93 12:08:23 GMT
From: pipex!uknet!acorn!agodwin@uunet.uu.net
Subject: SMITH12.ZIP - Hams: Interactive Smith chart calculator
To: info-hams@ucsd.edu

In article <1993May20.220722.3224@nntpd2.cxo.dec.com> little@nuts2u.enet.dec.com (nuts2u::little) writes:

>>
>>The program is a Smith chart calculator. It displays on an EGA screen
>
>Does this version have english labels? The version I downloaded recently
>was all in Italian and my Italian isn't very good.
>

There's a setup file that defines various defaults (sorry, I can't remmeber what it's called, but it's short and contains ASCII text). It has an entry in it that causes the labels to be in Italian : change it to English.

-adrian

```
-----  
Date: 22 May 93 04:03:19 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: tcp/ip addresses  
To: info-hams@ucsd.edu
```

Can somebody tell me who the local coordinator for Southern Oregon is?
I'd like to get a few tcp/ip address for our packet radio network.
Thanks! Stu, WD4ECLK

That's Stu, WD4ECK!

Date: Fri, 21 May 1993 12:23:28 GMT
From: pa.dec.com!uvo.dec.com!forsan.enet.dec.com!frenchs@decwrl.dec.com
Subject: TH78 Game
To: info-hams@ucsd.edu

I recieved a mail from:

Shawn Djernes
sld@nde.unl.edu
NOPEU @ WA0PXW.#SCNE.NE.USA.NA

Shawn, I tried to mail you but it bounced. here is the mail. Maybe of use to others.

Yes the game is Simple, the game is also "Simple". It is based on a game call Simple Simon. When you start the game (M+PTT+PWR) it says "Push any key". When you push any key it displays one of the characters from the top row of the key pad. You then have to press that key. It goes in a random sequence and you have to repeat that sequence. eg

Display	You press
1	1
13	13
131	131
1311	1311
1311F	1311F
1311F2	1311F2

And so on. When you get to 20 you get into poker game. The 20 scored in the previous game is you bank to bet. I am up to 12 on the first game. I don't know how to play the second game but apparently the instructions are in English.

Simon

Date: 21 May 1993 15:57:01 GMT
From: noc.near.net!news.bbn.com!levin@uunet.uu.net
To: info-hams@ucsd.edu

References <VBREAUULT.93May19174647@rinhp750.gmr.com>,
<1993May20.105743.8112@anomaly.sbs.com>,
<930520.233901.3a8.rusnews.w165w@garlic.sbs.com>
Subject : Re: Radio Shack 70cm HT?

system@garlic.sbs.com (Tony Pelliccio) writes:
|kd1hz@anomaly.sbs.com (Rev. Michael P. Deignan) writes:
|> Therefore, the correct answer on the test form is to sell it.

|Well Mike, we know how consistent Radio Shack's policies are. Remember
|the check incident? . . .

Obviously, some policies are at the stores' discretion while others
are corporate level. What checks to accept and from whom should
clearly be tailored to local conditions.

/J KD10N

Date: 22 May 93 03:27:52 GMT
From: topaz.bds.com!topaz.bds.com!ron@uunet.uu.net
To: info-hams@ucsd.edu

References <C7AE8L.JtM@ucdavis.edu>, <2867@tekgen.bv.tek.com>,
<1993May22.014707.8069@mks.com>
Subject : Re: 2 Meters and Airlines

> When one is on a commercial flight, the US FAA rules say that any use of
> radio equipment can only be approved by the owner of the aircraft
.....^^^^

This should say OPERATOR.

The rest of the posting is absolutely correct.

Date: 21 May 93 21:50:01 GMT
From: ogicse!emory!wupost!uwm.edu!grc!don@network.UCSD.EDU
To: info-hams@ucsd.edu

References <9305201933.kp5058@tacom-emh1.army.mil>,
<1993May20.220722.3224@nntpd2.cxo.dec.com>, <C7E6KB.6zw@squam.banyan.com>

Subject : Re: SMITH12.ZIP - Hams: Interactive Smith chart calculator

In article <C7E6KB.6zw@squam.banyan.com> dts@banyan.com (Daniel Senie) writes:

>In article <1993May20.220722.3224@nnnnpd2.cxo.dec.com>, little@nuts2u.enet.dec.com (nuts2u::little) writes:

>|> FONTANA@ITNVAX.CINECA.IT (Giorgio FONTANA) writes:

>|>

>|> >I have uploaded to WSMR-SIMTEL20.Army.Mil and OAK.Oakland.Edu:

>|> >

>|> >pd1:<msdos.hamradio>

>|> >SMITH12.ZIP Hams: Interactive Smith chart calculator

>|> >

>|> >The program is a Smith chart calculator. It displays on an EGA screen

>

>DOES THIS FILE EXIST SOMEWHERE? It is not showing up in the echos. How long ago

>was it put on SIMTEL?

>

I picked it up from oak.oakland.edu today. No problem. (Could not get into simtel-20.....too many other users).

Donald D. Woelz, K9GR

GENROCO, Inc.

205 Kettle Moraine Drive North

Slinger, WI 53086 U.S.A.

Office Phone: 414-644-8700

K9GR @WB9TYT.#MKE.WI.USA.NOAM

k9gr@k9gr.ampr.org [44.92.1.48]

don@genroco.com

--

Donald D. Woelz

GENROCO, Inc.

205 Kettle Moraine Drive North

Slinger, WI 53086 U.S.A.

Office Phone: 414-644-8700

Toll Free: 800-243-6762

Office Fax: 414-644-6667

24 hr Voicemail: 414-322-3891

Date: 21 May 93 13:39:35 CDT

From: equalizer!timbuk.cray.com!walter.cray.com!jwl@network.UCSD.EDU

To: info-hams@ucsd.edu

References <9305191754.AA00648@ucsd.edu>, <C7AE8L.JtM@ucdavis.edu>,
<2867@tekgen.bv.tek.com>p

Subject : Re: 2 Meters and Airlines

In article <2867@tekgen.bv.tek.com>, brucec@tekgen.bv.tek.com (Bruce Cheney) writes:

> How about getting them through the security monitors? Do they

> get all excited when they see a small handheld in carry-on

> baggage?

>

> Bruce Cheney NI7M

>

I travel a lot and have never had a problem. Most of the time they don't pay any attention. When they do want to know about it, they are satisfied when I turn it on and it makes noise. I suspect that travel outside of the states may be different.

Jim, k4gvo

--

Jim Lynch, Sales Analyst, Cray Research, Inc. / ARS: K4GVO
Southeast District, Phone: (404) 631-2254, Email: jwl@sedist.cray.com
Suite 270, 200 Westpark Drive, Peachtree City, GA 30269

End of Info-Hams Digest V93 #621
